

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6634135
<b>Application Number:</b>	10558842
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7172
<b>Title of Invention:</b>	Circuit network analysis using algebraic multigrid approach
<b>First Named Inventor/Applicant Name:</b>	Chung-Kuan Cheng
<b>Customer Number:</b>	20985
<b>Filer:</b>	Dan Vacar/Lisa Gray
<b>Filer Authorized By:</b>	Dan Vacar
<b>Attorney Docket Number:</b>	15670-029US1 SD2003-252
<b>Receipt Date:</b>	14-DEC-2009
<b>Filing Date:</b>	18-JAN-2007
<b>Time Stamp:</b>	21:59:30
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$271
RAM confirmation Number	6797
Deposit Account	061050
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	NPL Documents	10958801.pdf	523472 ce0064e021bc300592caaf8b4c87fab1c20f802	no	11
Warnings:					
Information:					
2	NPL Documents	10958802.pdf	926323 87c210d8f1967942a780276d8b4ec2ffebf5c753b	no	20
Warnings:					
Information:					
3	NPL Documents	10958803.pdf	1437602 d52e6031e4d884073c0d8778122a546c5d4465	no	35
Warnings:					
Information:					
4	NPL Documents	10958804.pdf	1287011 8125f5bdc0bca731a0b421c9f911ea070e62db	no	36
Warnings:					
Information:					
5	NPL Documents	10958807.pdf	6103327 427d7298316de709bce487c9c1073c2907078b	no	6
Warnings:					
Information:					
6	NPL Documents	10958808.pdf	2425367 26ae08e49c3d5768bc06d1db6e4b78d5a775e31	no	2
Warnings:					
Information:					
7	NPL Documents	10958809.pdf	9679845 680db3b41b89151e749e4d63b48508bcafe28d055	no	12
Warnings:					
Information:					
8	NPL Documents	10958810.pdf	10588968 e5b3048e48ccda37d8e46e06d4fd5c262ab5f867	no	12
Warnings:					
Information:					
9	NPL Documents	zhu.pdf	3442531 348937e80710881eda30bc44041275e21dfe2a80	no	6
Warnings:					
Information:					

10	Information Disclosure Statement (IDS) Filed (SB/08)	15670-0029US11449.pdf	104352 d46ba752c3636e69a763455a2a8c3c3e7ddeb b18c5	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
11	Transmittal Letter	15670-0029US1ids.pdf	70613 46a6a752c3636e69a763455a2a8c3c3e7ddeb b18c5	no	1
Warnings:					
Information:					
12		15670-0029US1amendment. pdf	183643 bc3496cc8b88d589c7af0128f193c8754d0 7d0d	yes	25
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Specification		2	2	
	Claims		3	12	
	Drawings-only black and white line drawings		13	13	
	Applicant Arguments/Remarks Made in an Amendment		14	25	
Warnings:					
Information:					
13	Drawings-only black and white line drawings	15670-0029US1ReplacementDr awings.pdf	302462 d728a7028a8e7253484c9e9983bc99284d 28cd4	no	5
Warnings:					
Information:					
14	Fee Worksheet (PTO-875)	fee-info.pdf	33398 59844730638a6488a3a72a7a72a21a78f 6a96a	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			37108914		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.